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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

YASUMASA TAKAO ET AL.

SERIAL NO: 09/981,766

FILED: OCTOBER 19, 2001

FOR: FLAME SYNTHESIZED ALUMINUM
NITRIDE FILLER-POWDER

:

: GROUP ART UNIT: 1773

:

: EXAMINER: UHLIR, N.

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AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action mailed May 9, 2002, Applicants respectfully request reconsideration in light of the following amendment and remarks. Further, reaffirm the previous provisional election, with traverse, of Group I, Claims 1-5 and 7, drawn to an aluminum nitride powder, for further prosecution.

IN THE SPECIFICATION

Please delete the paragraph beginning at page 3, line 8, and replace with the following.

--While the theoretical thermal conductivity of silica is approximately $2 \text{ Wm}^{-1}\text{K}^{-1}$, that of aluminum nitride is approximately $300 \text{ Wm}^{-1}\text{K}^{-1}$, so that a high degree of heat dissipation may be expected even in cases where the amount of aluminum nitride added is less than the amount of silica added. Specifically, if an aluminum nitride filler is present whose